ENERGY STAR

ENERGY STAR® FOR WINDOWS, DOORS, AND SKYLIGHTS

COST & ENERGY SAVINGS ESTIMATES FOR ENERGY STAR QUALIFIED WINDOWS

ESTIMATED ANNUAL SAVINGS: U.S. REGIONS

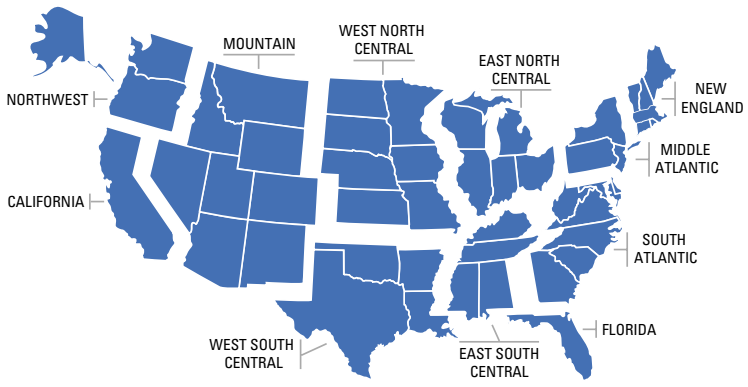
	Relative to Single Pane		Relative to Typical Alternative			
			Replacement		New Construction	
REGION	Utility Dollars	Btu (millions)	Utility Dollars	Btu (millions)	Utility Dollars	Btu (millions)
California	$110	7.7	$20	0.07	$20	0.07
East North Central	$310	29.7	$65	5.6	$65	5.3
East South Central	$230	21.7	$45	2.7	$45	2.7
Florida	$160	6.8	$95	0.1	$85	0.1
Middle Atlantic	$350	26.6	$75	4.6	$75	4.5
Mountain	$325	29.3	$55	3.3	$55	3.1
New England	$400	26.8	$75	4.4	$75	4.3
Northwest	$360	33.4	$45	0.9	$45	0.9
South Atlantic	$345	25.1	$50	1.8	$45	1.8
West North Central	$280	26.1	$60	4.9	$65	4.8
West South Central	$210	14.8	$70	2.4	$70	2.3

U.S. Department of Energy (2005)

ASSUMPTIONS

Relative to Single Pane: Savings estimates based on population-weighted regional average annual energy use for a 2,000 sq. ft., single story, detached house with 15% glazing, gas heat and electric air conditioning. Estimates use August 2005 state average utility rates. Actual savings will vary by climate region and home characteristics.

Relative to Typical Alternative: Savings estimates based on population-weighted regional average annual energy use for a 2,000 sq. ft., single story, detached house with 15% glazing, gas heat and electric air conditioning. Estimates use August 2005 state average utility rates. The typical alternative (clear glass, double pane) may not be applicable to all jurisdictions due to mandatory building codes. Actual savings will vary by climate region and home characteristics.



For full assumptions and methodology visit: www.energystar.gov/windows.